

Foundational CTE Courses

Career Exploration (22151) Employability (22152) Entrepreneurship (12053) Foundations of Technology (10004) Leadership & Service (22101)

Cluster Courses

Ag Leadership & Communications (18203) MS Introduction to AFNR (18000) Introduction to AFNR (18001) CASE Introduction to AFNR (18006)

Pathway Courses

Food Products & Processing Systems Pathway	Plant Systems	Animal Systems Pathway	Power, Structural & Technical Systems Pathway	Natural Resources Systems Pathway	Environmental Service Systems Pathway	Agribusiness Systems Pathway
Ag Processing Technology (18302) Food Science (18305) Agriculture Biotechnology (18308)	Fundamental Plant Science (18501) Advanced Horticulture (18052) Fundamental Horticulture (18053) Advanced Plant Science (18057)	Fundamental Animal Science (18101) Companion Animals (18102) Advanced Animal Science (18107)	Fundamental Ag Mechanical Technologies (18401) Fundamental Ag Structures Technology (18403) Advanced Ag Structures Technology (18407) Ag Systems Technology (18402) Ag Metal Fabrication (18404)	Wildlife & Fisheries (18501) Advanced Natural Resources (18502) Fundamental Natural Resources (18504)	Environmental Science (03003) Fundamental Natural Resources (18504) Advanced Natural Resources (18502)	Agribusiness Sales & Marketing (18201) Agribusiness Management (18202)

Curriculum for Agricultural Science Education (CASE) Courses

CASE Food Science & Safety (18312)	CASE Principles of Agricultural Science – Plant (18056) CASE Animal & Plant Biotechnology (18313)	CASE Principles of Agricultural Science – Animal (18106) CASE Animal & Plant Biotechnology (18313)	CASE Agricultural Power & Technology (18405) CASE Mechanical Systems in Agriculture (18449)	CASE Natural Resources & Ecology (18505)	CASE Environmental Science Issues (18507)	
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Dual Credit Courses

Visit www.sdmylife.com for a full list of dual credit courses in the Agriculture, Food & Natural Resources Career Cluster.

Academic CTE Courses

Biology (03051^)^ Biology - Advanced Studies (03052) AP Biology (03056^)^ Chemistry (03101^)^ Organic Chemistry (03103)
AP Chemistry (03106^)^ AP Environmental Science (03207) Physics (03151^)^ Geometry (02072^)^

Capstone CTE Courses

Entrepreneurship Experience (80026) Senior Experience (80019^)^ Youth Apprenticeship (80020) Service Learning (22104) Youth Internships (80018^)^
CASE Ag Research & Development (18204)